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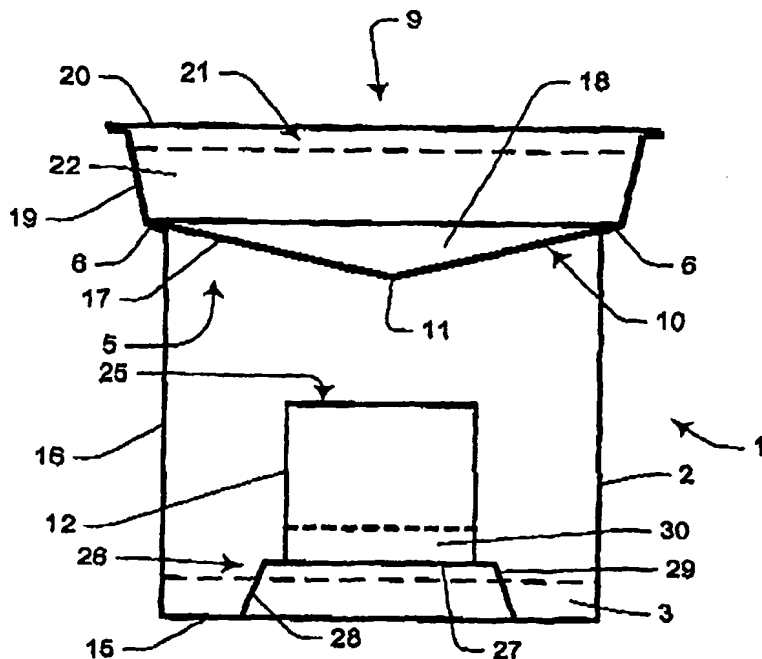
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(54) Title: A DISTILLATION UNIT AND A METHOD OF DISTILLATION



(57) **Abstract:** A distillation unit (1) includes a container in the form of a generally cylindrical steel pot (2) for receiving a first liquid (3). The liquid is evaporated following application of heat from a heat source (4) to form a liquid vapour. Pot (2) has an upwardly facing generally circular opening (5) defined by a peripheral edge in the form of a continuous annular lip (6). A heat exchanger in the form of a generally circular stainless steel dish (9) engages substantially all of lip (6) and extends across substantially all of opening (5). Dish (9) has a downwardly facing substantially frusto-conical condensation surface (10) both for condensing the liquid vapour that contacts surface (10) and for directing the condensate inwardly from lip (6) to a central collection zone (11) that is a substantially planar and horizontal surface. A collector in the form of a metal drinking cup (12) is disposed within pot (2) for receiving the condensate.